TABLE OF CONTENTS


DANIEL STARCH. *The Measurement of Efficiency in Reading*. 1– 24

HAROLD O. RUGG. *A Scale for Measuring Free Hand Lettering*..... 25–42

ALICE C. HINCKLEY. *The Binet Tests Applied to Individuals over Twelve Years of Age*..... 43–58

MABEL GOUDGE. *A Simplified Method of Conducting McDougall's Spot-Pattern Test*..... 73–84

C. TRUMAN GRAY. *The Training of Judgment in the Use of the Ayres Scale for Handwriting*..... 85–98

H. L. HOLLINGWORTH. *Articulation and Association*..... 99–105

DANIEL STARCH. *The Measurement of Efficiency in Writing*. 106–114

G. C. MYERS. *Learning Against Time*..... 115–116

ROBERT M. YERKES AND HELEN M. ANDERSON. *The Importance of Social Status as Indicated by the Results of the Point Scale Method of Measuring Mental Capacity*... 137–150

W. H. PYLE. *A Psychological Study of Bright and Dull Pupils* 151–156

VINNIE CRANDALL HICKS. *The Value of Mental Age Tests for First Grade Entrants*..... 157–166

DANIEL STARCH. *The Measurement of Efficiency in Spelling, and the Overlapping of Grades in Combined Measurements of Reading, Writing and Spelling*..... 167–186

RUDOLF PINTNER AND DONALD G. PATERSON. *The Binet Scale Scale and the Deaf Child*..... 201–210

B. R. SIMPSON. *Reliability of Estimates of General Intelligence, with Applications to Appointments to Positions*.... 211–220

E. D. JENNINGS. *The Elimination of Freshmen from the University of Texas*..... 221–230

ELLWOOD B. SPEAR. *Problems in the Experimental Pedagogy of Chemistry*..... 231–241

WREN JONES GRINSTEAD. *An Experiment in the Learning of Foreign Words*..... 242–245

J. EDWARD MAYMAN. *An Experimental Investigation of the Book, Lecture and Experiment Methods of Teaching Elementary Science in Elementary Schools*..... 246–250

MARGARET OTIS. *A Study of Association in Defectives*..... 271–288

JUNE E. DOWNEY AND JOHN E. ANDERSON. *Form and Position in Handwriting Interpretation*.....289–300, 349–360

WILLIAM HEALY AND AUGUSTA F. BRONNER. *An Outline for Institutional Education and Treatment of Young Offenders*..... 301–316

FRANCES JENKINS. *A Test of the Ability of Children to Use Language Forms*..... 335–344

CYRUS D. MEAD. *Silent versus Oral Reading with One Hundred Sixth Grade Children*..... 345–348




293054

J. L. MERIAM. *How Well May Pupils be Prepared for High School Work Without Studying Arithmetic, Grammar, etc., in the Elementary Grades?* ..... 361–364
TRUMAN LEE KELLEY. *A Study of High School and University Grades, with Reference to Their Intercorrelations and Causes of Elimination* ..... 365–367
H. G. CHILDS. *Measurement of the Drawing Ability of Two Thousand One Hundred and Seventy-Seven Children in Indiana School Systems by a Supplemented Thorndike Scale* ..... 391–408
G. F. ARPS. *Attitude as a Determinant in Spelling Efficiency in Immediate and Delayed Recall* ..... 409–418
J. CROSBY CHAPMAN. *A Study of Initial Spurt in the Case of Addition* ..... 419–426
D. KENNEDY FRASER. *Ernst Meumann. An Appreciation* .. 427–429
ROBERT R. RUSK. *A Tachistoscope for Class Experiment and Demonstration Purposes* ..... 429–431
*The Dallas Investigation of the Teaching of English and Mathematics* ..... 431
A. T. POFFENBERGER, JR. *The Influence of Improvement in One Simple Mental Process upon Other Related Processes* ..... 459–474
W. G. BATEMAN. *Two Children's Progress in Speech* ..... 475–493
HELEN THOMPSON WOOLLEY. *A New Scale of Mental and Physical Measurements for Adolescents, and Some of its Uses* ..... 521–550
LEWIS M. TERMAN, GRACE LYMAN, GEORGE ORDAHL, LOUISE ORDAHL, NEVA GALBREATH, AND WILFORD TALBERT. *The Stanford Revision of the Binet-Simon Scale, and some Results from its Application to One Thousand Non-Selected Children* ..... 551–564
RUDOLF PINTNER AND DOLALD G. PATERSON. *A Class Test with Deaf Children* ..... 591–600
ALFRED L. HALL-QUEST. *Present Tendencies in Educational Psychology* ..... 601–614
DANIEL STARCH. *The Measurement of Achievement in English Grammar* ..... 615–626
L. W. SACKETT. *Disparity of Spelling Scales* ..... 627
ISIDORE SPRINGER. *Teaching Denominate Numbers* ..... 630
J. CARLETON BELL. *An Educational Laboratory* ..... 632
ABSTRACTS AND REVIEWS .....117, 251, 368, 432, 494, 565
EDITORIALS .....59, 121, 187, 255, 317, 375, 438, 496, 567, 634
NOTES AND NEWS .....124, 189, 257, 320, 377, 441, 499, 569, 634
CURRENT PERIODICALS .....444, 507, 574, 638
PUBLICATIONS RECEIVED ..63, 127, 192, 260, 325, 380, 448, 510, 579, 644

# INDEX TO NAMES

**Authors of original articles, communications or discussions have names printed in CAPITALS, and page numbers in bold face type. Authors reviewed, contributors of reviews, and authors mentioned have page numbers in Roman.**


ANDERSON, HELEN M., **137**
ANDERSON, JOHN E., **289, 349**
ARPS, G. F., **409**
Ash, Isaac Emery, 251
Bagley, W. C., 59, 119, 317
Baldwin, Bird T. ,432
BATEMAN, W. G., **475**
Bell, J. Carleton, 121, 187, 255, 370, 372, 433, 435, 440, 494, 496, **632**
BRONNER, AUGUSTA F., **301**
Buckingham, B. R., 368, 563
CHAPMAN, J. CROSBY, **419**
CHILDS, H. G., **391**
Claparède, Ed., 565
Coulter, John Gaylord, 119
Courtis, Elnora Whitman, 252
Dearborn, George V. N., 253, 373
Decroly, O., 371
DOWNEY, JUNE E., **289, 349**
Finkelstein, I. E., 370
FRASER, D. KENNEDY, **427**
Freud, Sigmund, 373
GALBREATH, NEVA, **551**
Galton, Francis, 494
GOUDGE, MABEL, **73**
GRAY, C. TRUMAN, **85**, 117
GRINSTEAD, WREN JONES, **242**
HALL-QUEST, ALFRED L., **601**
HEALY, WILLIAM, **301**
HICKS, VINNIE CRANDALL, **157**
HINCKLEY, ALICE C., **43**
HOLLINGWORTH, H. L., **99**
JENKINS, FRANCES, **335**
JENNINGS, E. D., **221**
Johnston, Charles Hughes, 432, 433
Kelley, Truman Lee, 117, **365**, 563
LYMAN, GRACE, **551**
McDougall, W., 73
MAYMAN, J. EDWARD, **246**
MEAD, CYRUS D., **345**
MERIAM, J. L., **361**
Meumann, Ernst, 427
Monroe, Paul, 435
ORDAHL, GEORGE
ORDAHL, LOUISE
OTIS, MARGARET, **271**
PATERSON, DONALD G., **201, 591**
Pearson, Karl, 494
PINTNER, RUDOLF, **201, 591**
POFFENBERGER, A. T., JR., **459**
PYLE, W. H., 118, **151**
RUGG, HAROLD O., **25**
RUSK, ROBERT R., **429**
SACKETT, L. W., 118, 252, **627**
Seashore, C. E., 122
SIMPSON, B. R., **211**
SPEAR, ELLWOOD B., **231**
SPRINGER, ISADORE **630**
STARCH, DANIEL, **1, 106, 167, 615**
TALBERT, WILFORD L., **551**
TERMAN, LEWIS M., 368, **551**
Whipple, Guy Montrose, 251, 371, 375, 567
Winch, W. H., 372
Witte, Pastor Doctor, 253
WOOLLEY, HELEN THOMPSON, **521**
YERKES, ROBERT M., **137**

# INDEX TO SUBJECTS


Addition, 419
Appointments, 211, 375
Arithmetic, 419, 431, 630
Articulation, 99
Association, 99, 271
Ayres Handwriting Scale, 85
Ayres Spelling Scale, 627
Binet Tests, 43, 137, 157, 201, 255, 551
Botany, 119
Bright Children, 151
Buckingham Spelling Test, 368
Chemistry, Problems in Experimental Pedagogy of, 231
Cincinnati Meetings, 317
Curriculum, Elementary, 361
Deaf Children, 201, 591
Deductive Methods, 372
Defectives, 271
Delinquents, Treatment of, 301
Denominate Numbers, 630
Dramatic Training, 252
Drawing, 25, 391
Educational Measurements, 1, 25, 106, 118, 167, 335, 391, 521, 615
Educational Methods, 253
Educational Psychology, 121, 601
Elementary Curriculum, 361
Elementary Science, 246
Elimination of Freshmen, 221
English, 431, 496, 615
Enrollment, 59
Experimental Pedagogy, 231
Fatigue, 251, 615
Feeble Mindedness, 187
First Grade Children, 157
Fundamentals in Education, 438
Grades, 117, 365, 370
Grammar, 615
Handwriting, 85, 106, 289, 349
High School Education, 432, 433, 435
Inductive Methods, 372
Initial Spurt, 419
Intelligence, Estimates of, 211
Judgment, 85
Kent-Rosanoff Test, 271
Language, 335, 475
Latin, 242
Learning, 115, 242
Lecturing, 122, 246
Lettering, 25
Marking Systems, 370
Mathematics, 431
Mental Tests, 43, 73, 118, 137, 151, 157, 201, 255, 271, 371, 459, 521
Methods of Teaching, 372
Mirror Script, 289, 349
Physics, Teaching of, 246
Point Scale, 137, 255
Prodigy, Infant, 253
Psychopathology, 373
Reading, 1, 345
School Children, Examination of, 118
School Enrollment, 59
Secondary Education, 432, 433, 435
Social Status of Children, 137
Speech, Progress in, 475
Spelling, 167, 368, 409, 627
Spot-Pattern Test, 73
Tachistoscope, 429
Thorndike Drawing Scale, 391
Transfer of Training, 459